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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Unassigned
		Filing Date	Filed Herewith
		First Named Inventor	Hui WANG
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet 1 of 2	Attorney Docket Number	ACMR-001/02US	

J1086 U.S. PTO
 09/08/99
 09/08/99

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
WL	P1	4,304,641		Granadia et al.	12-08-1981	
WL	P2	5,222,310		Thompson et al.	06-29-1993	
WL	P3	5,377,708		Bergman et al.	01-03-1995	
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WL	P10	5,670,034		Lowery	09-23-1997	
WL	P11	5,678,320		Thompson et al.	10-21-1997	
WL	P12	5,744,019		Ang	04-28-1998	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
WL	F1	EP	0 257 670		David Raymond Eastham, et al.	03-02-1988	
WL	F2	WO	90/00476		David B. Tuckerman	01-25-1990	
WL	F3	WO	95/20064		Edward N. Berg	07-27-1995	

Examiner Signature	William Leader	Date Considered	7/2004
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¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	Unassigned
		Filing Date	Filed Herewith
		First Named Inventor	Hui WANG
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	2	of	2
		Attorney Docket Number	ACMR-001/02US

1036 U.S. Pat.
 09/037902
 04/18/01

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WZ	D1	PATENT ABSTRACT OF JAPAN, "Plating Method," Publication No. 57171690, Publication Date: Oct. 22, 1982	
WZ	D2	PATENT ABSTRACT OF JAPAN, "Partial Plating Device," Publication No. 01234590, Publication Date: Sep. 19, 1989	
WZ	D3	CONTOLINI et al., "Copper Electroplating Process for Sub-Half-Micron ULSI Structures," <u>VMIC Conference 1995 ISMIC - 104/95/0322</u> , Pgs. 322-328, Jun. 27-29, 1995	
WZ	D4	DEVARAJ et al., "Pulsed Electrodeposition of Copper," <u>Plating & Surface Finishing</u> , Pgs. 72-78, Aug. 1992	
WZ	D5	DUBIN, "Copper Plating Techniques for ULSI Metallization," <u>Advanced MicroDevices</u> *	
WZ	D6	DUBIN, V.M., "Electrochemical Deposition of Copper for On-Chip Interconnects," <u>Advanced MicroDevices</u> *	
WZ	D7	GAUVIN et al., "The Effect of Chloride Ions on Copper Deposition," <u>J. of Electrochemical Society</u> , Vol. 99, Pgs. 71-75, Feb. 1952	
WZ	D8	OSERO, N.M., "An Overview of Pulse Plating," <u>Plating and Surface Finishing</u> , Mar. 1986	
WZ	D9	PASSAL, F., "Copper Plating During the Last Fifty Years," <u>Plating</u> , Pgs. 628-638, Jun. 1959	
WZ	D10	SINGER, P., "Copper Goes Mainstream: Low k to Follow," <u>Semiconductor International</u> , Pgs. 67-70, Nov. 1997	

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Form PTO-1449

Docket Number 495152000110

Application Number 09/837,902

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Hui WANG

Filing Date April 18, 2001

Group Art Unit 1741

Mailing Date March 7, 2003

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
WL	1.	10/31/2000	6,140,234	Uzoh et al.	—	—	
WL	2.	1/16/2001	6,174,796 B1	Takagi et al.	—	—	
WL	3.	6/26/2001	6,251,528 B1	Uzoh et al.	—	—	

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WL	4.	11/4/1992	4-311591	Japan	—	—	
WL	5.	8/12/1994	6-224202	Japan	—	—	
WL	6.	8/3/1993	5-195183	Japan	—	—	
WL	7.	3/15/1994	6-73598	Japan	—	—	
WL	8.	8/25/1992	Utility Model 2538705	Japan	—	—	
WL	9.	8/1/1995	7-197299	Japan	—	—	
WL	10.	5/2/1995	7-113159	Japan	—	—	
WL	11.	1/9/1996	8-003153	Japan	—	—	
WL	12.	1/25/1994	6-017291	Japan	—	—	
WL	13.	2/9/1999	11-36096	Japan	—	—	
WL	14.	3/26/1999	11-80993	Japan	—	—	

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title

EXAMINER: William Leader

DATE CONSIDERED: 7/2004

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